

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018652.D
 Acq On : 20 Jun 2024 13:25
 Operator : SY/MD
 Sample : P2943-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978RE

Quant Time: Jun 21 01:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	39955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	71216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	57008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	20428	50.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.560%
35) Dibromofluoromethane	7.704	113	22776	52.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.860%
50) Toluene-d8	10.173	98	78317	46.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.760%
62) 4-Bromofluorobenzene	12.477	95	20472	38.806	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.620%

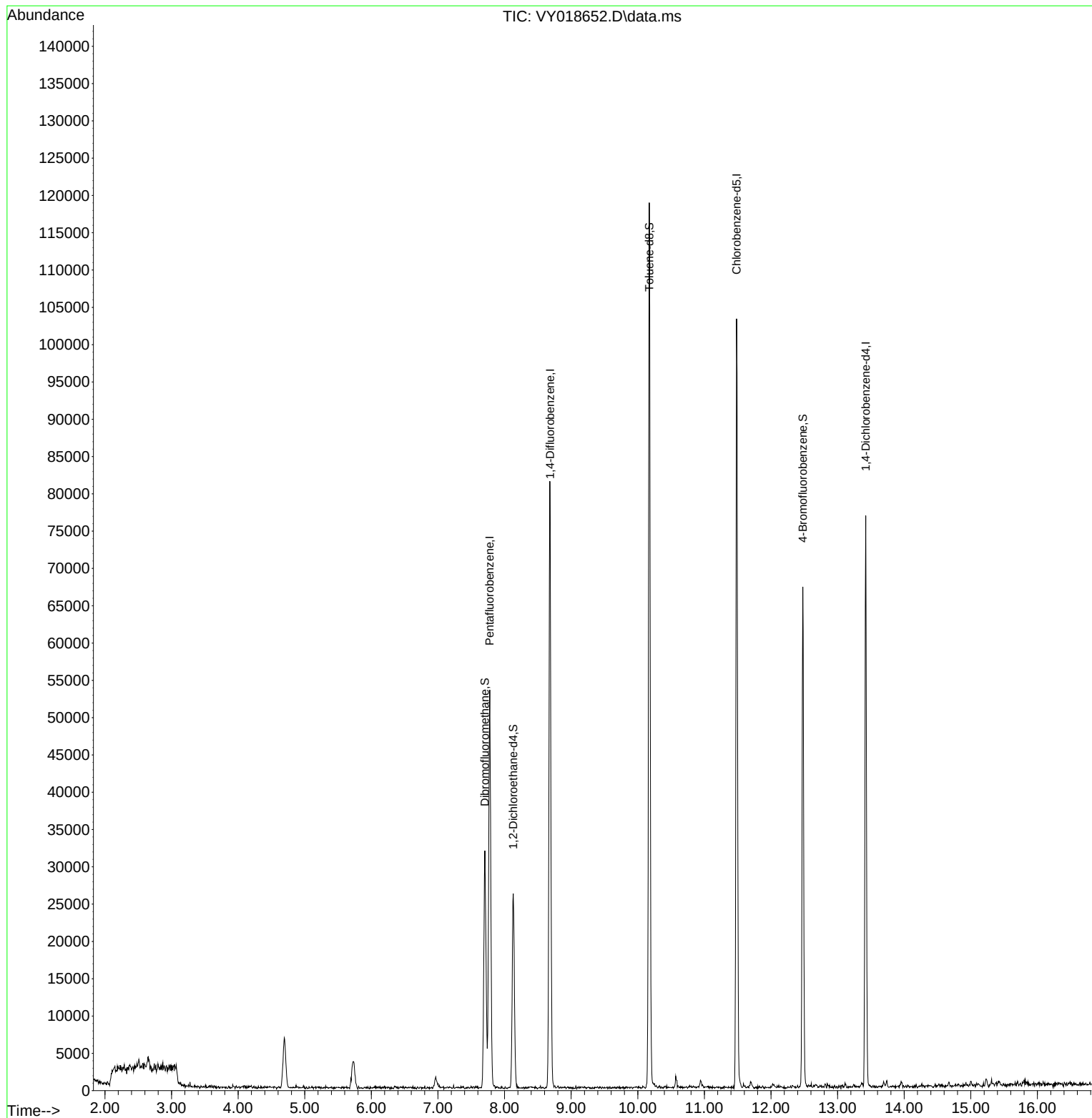
Target Compounds	Qvalue

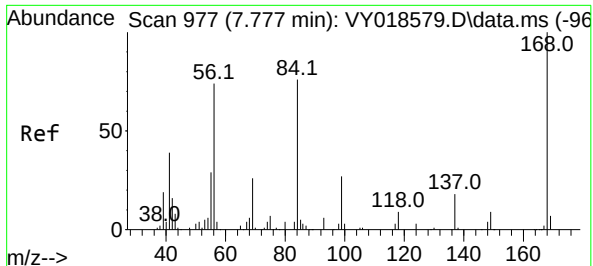
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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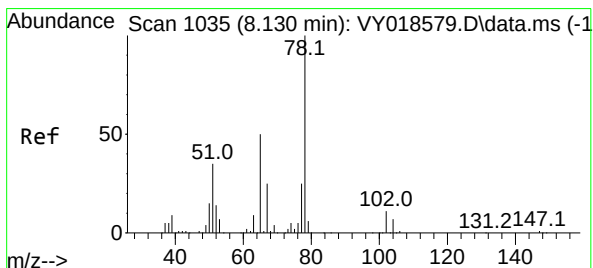
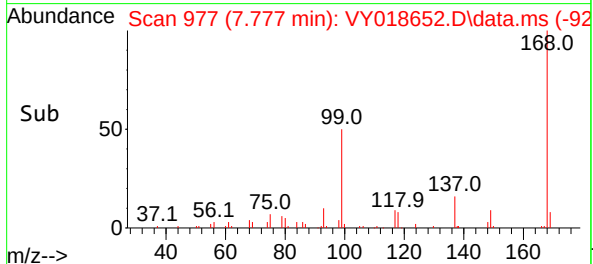
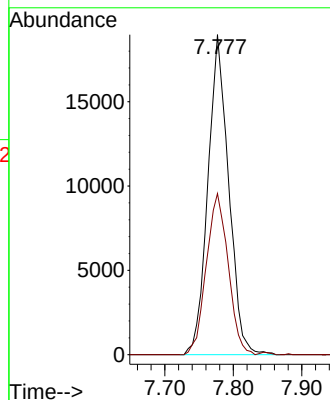
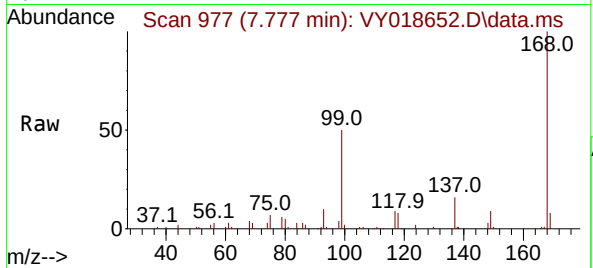




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

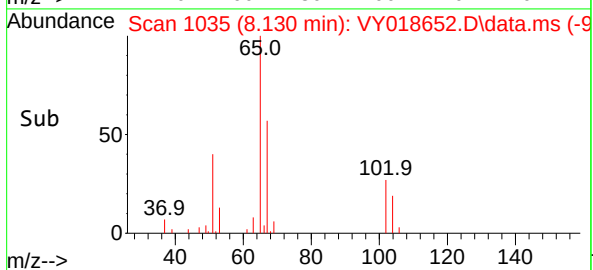
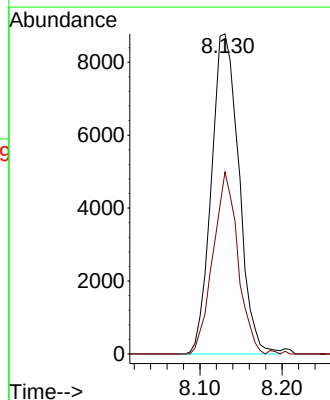
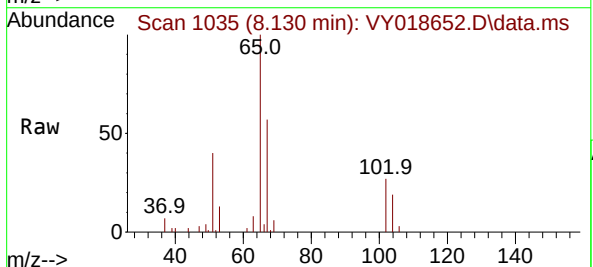
Instrument :
MSVOA_Y
ClientSampleId :
72-11978RE

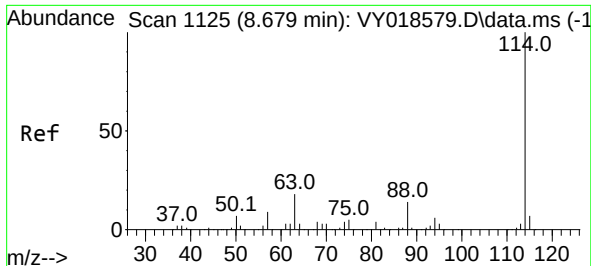
Tgt Ion:168 Resp: 39955
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.783 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 65 Resp: 20428
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018652.D

Acq: 20 Jun 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

72-11978RE

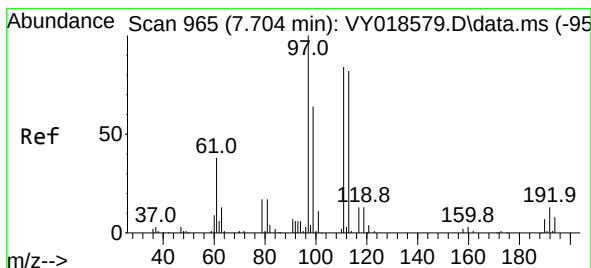
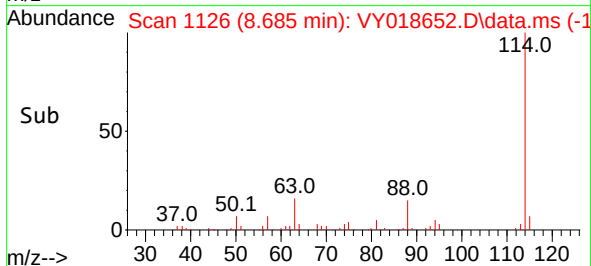
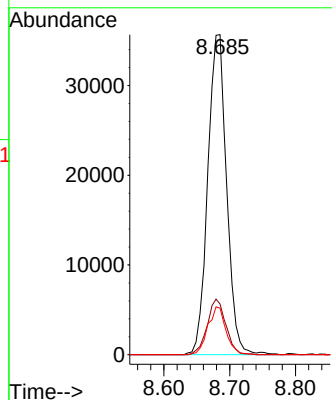
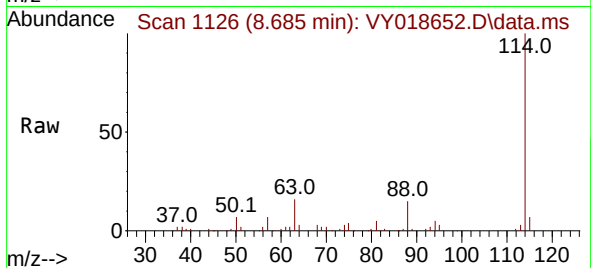
Tgt Ion:114 Resp: 71216

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.427 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018652.D

Acq: 20 Jun 2024 13:25

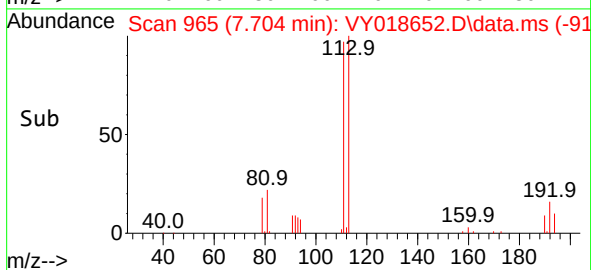
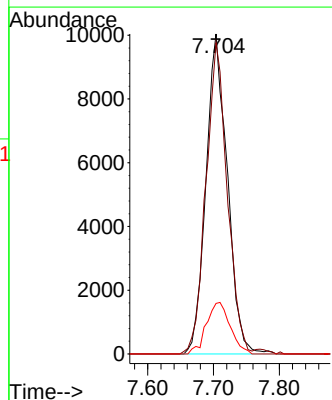
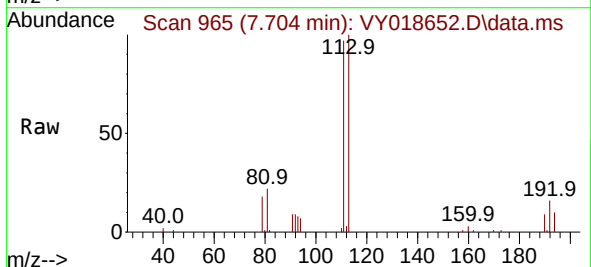
Tgt Ion:113 Resp: 22776

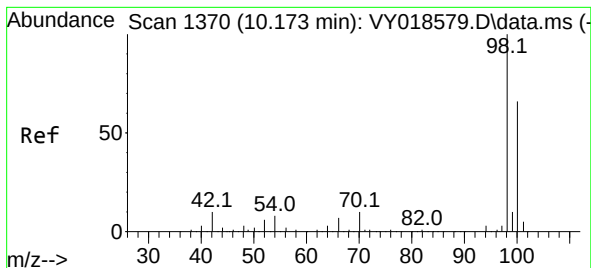
Ion Ratio Lower Upper

113 100

111 96.5 82.2 123.4

192 17.9 15.9 23.9





#50

Toluene-d8

Concen: 46.878 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018652.D

Acq: 20 Jun 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

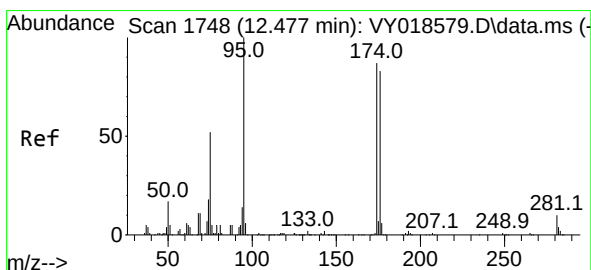
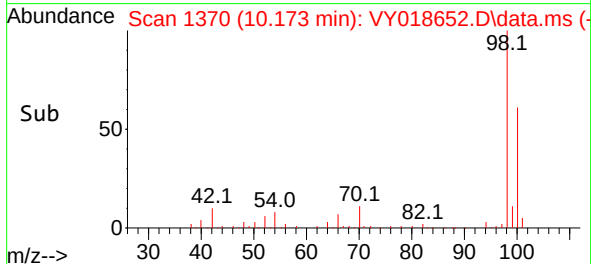
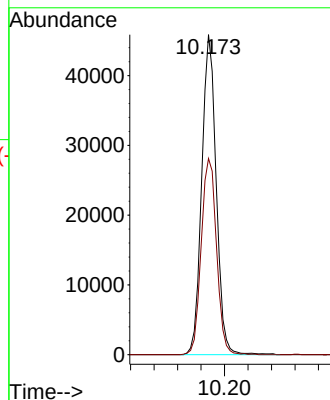
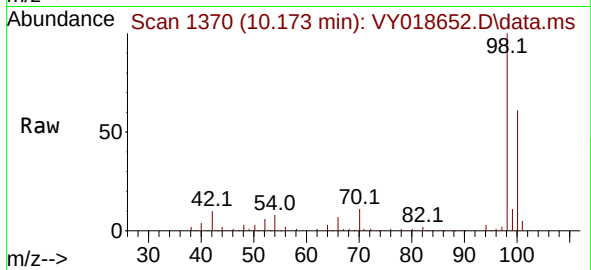
72-11978RE

Tgt Ion: 98 Resp: 78317

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.806 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018652.D

Acq: 20 Jun 2024 13:25

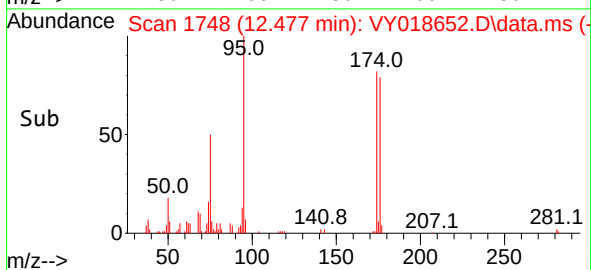
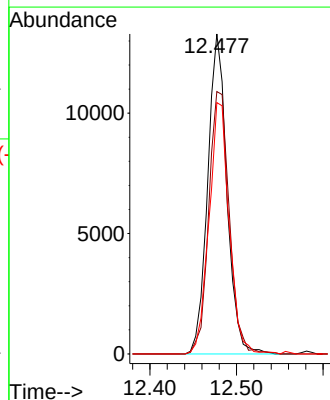
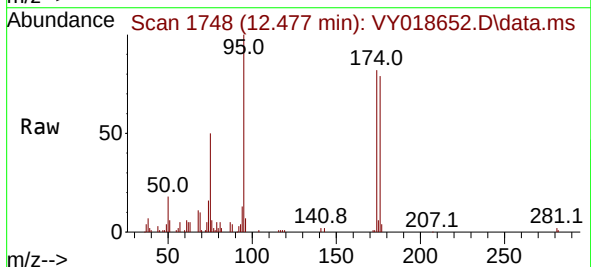
Tgt Ion: 95 Resp: 20472

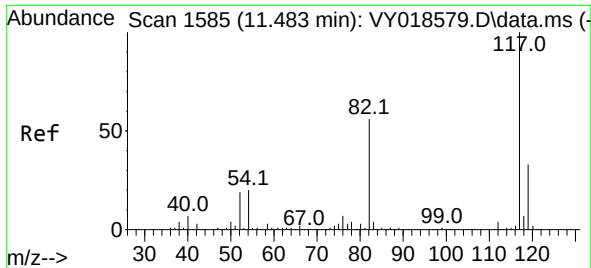
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.6

176 82.8 0.0 171.4

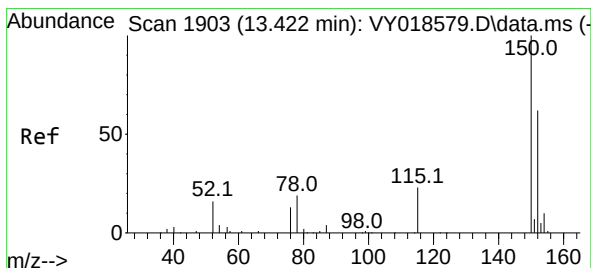
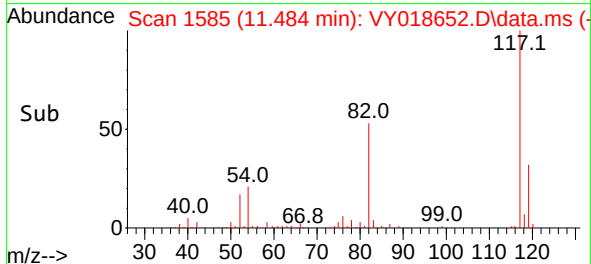
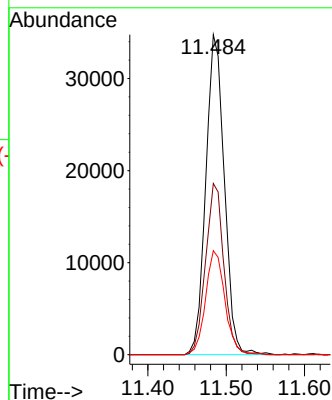
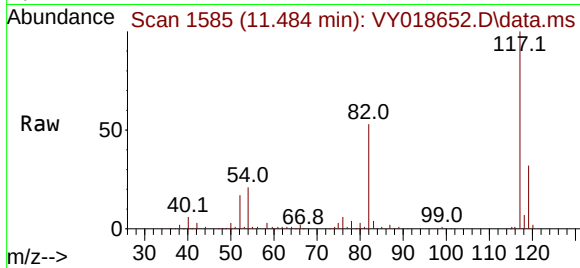




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Instrument :
MSVOA_Y
ClientSampleId :
72-11978RE

Tgt Ion:117 Resp: 57008
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion:152 Resp: 20116
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 150.3 0.0 345.6

